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OKCART

SUBJ: EVALUATION OF BLACK SHILED MISSION BX6727

1. CAMERA TYPE I (115A), UNIT C WAS USED ON MISSION BX6727. PROCESSING WAS ACCOMPLISHED IN THE FIELD. THE MISSION CONTAINS 522 TITLED FRAMES.

2. BOTH CAMERAS OPERATED SATISFACTORILY THROUGHOUT THE MISSION. DURING STRAIGHT AND LEVEL PORTIONS OF THE FLIGHT (CAMERA UNCAGED AND VEHICLE WITHIN THE CAMERA STABILIZATION LIMITS IN ROLL AND PITCH) ESTIMATED GROUND RESOLUTIONS OF APPROXIMATELY [REDACTED] (ONE BAR PLUS ONE SPACE) WERE ACHIEVED NEAR VERTICAL PORTIONS OF THE FRAMES.

3. THE EXPOSURE AND PROCESSING WERE ADEQUATE.

4. A LONGITUDINAL MINUS DENSITY STREAK IS PRESENT 4.1 INCHES FROM THE NON-DATA BLOCK EDGE OF THE FILM THROUGHOUT THE FIRST HALF OF THE MISSION; DEGRADATION IS MINOR. A FINE LONGITUDINAL EMULSION SCRATCH LOCATED 2.15 INCHES FROM THE NON-DATA BLOCK EDGE OF THE FILM IS PRESENT INTERMITTENTLY FROM FRAME 73 THROUGH 151. CHEMICAL STAINS WERE NOTED IN THE NON-DATA BLOCK END OF FRAME 151. A HEAVY EMULSION SCRATCH LOCATED 0.5 INCH FROM THE NON-DATA BLOCK EDGE OF THE FILM BEGINS IN FRAME 159 AND ENDS IN FRAME 160. EMULSION GOUGES WERE DETECTED IN FRAMES 75 AND 113. SEVERAL PINHOLES ARE PRESENT IN FRAMES 1 AND 2. EMULSION LIFT AND ASSOCIATED TEAR IS LOCATED ALONG THE NON-DATA BLOCK EDGE OF FRAME 518. THE EMULSION TRANSFERRED TO FRAME 513; DEGRADATION IS MINOR. THE PRIMARY AND SECONDARY IMAGE OF WHAT APPEARS TO BE A SPECULAR REFLECTION IS PRESENT ON FRAME 59. THE IMAGE IS SMALL AND DEGRADATION IS MINOR.

5. THE FORWARD DATA BLOCKS OVERLAP EVERY OTHER FORWARD FRAME BY APPROXIMATELY ONE-TENTH INCH BEGINNING IN FRAME 35 AND CONTINUING THROUGHOUT THE MISSION.

6. PROGRAMMED V/H WAS USED THROUGHOUT MOST OF THE MISSION WITH THE EXCEPTION OF FRAMES 351 THROUGH 510.

7. CLOUDS OBSCURE 40 PERCENT OF THE MISSION. GROUND HAZE IS MINIMAL AND IN CLOUD FREE AREAS GOOD QUALITY PHOTOGRAPHY IS AVAILABLE.

8. THE ZERO PRIORITY REPRODUCTIONS AND REGULAR REPRODUCTIONS APPEAR TO BE OF EQUAL QUALITY.

9. SATISFACTORY CORRELATION WAS ACHIEVED BETWEEN THE FILM RECORD AND THE INS TAPE. THERE IS A PLUS ONE MINUTE BIAS BETWEEN THE INS TAPE AND THE DATA CLOCK.

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END OF MESSAGE

NGA review(s) completed.

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